TI-32205.1 Attorney Docket No. HITH ITV

	Inven	tor	Theodore W. Houston				
PATENT APPLICATION							
TRANSMITTAL	Title	Inte	grated DRAM Process/Structure Using Contact Pillars				
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Expre	ess M	ail Label No.	EV3344694	193US		
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application con	tents	1	ADDRESS	Box F	stant Commis Patent Applica nington, DC 2		
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)			7.	CD-ROM or CD-R in C		e table or	
Applicant claims small entity status. See 37 CFR 1.27.				eotide and/or Amino Acoplicable, all necessary	cid Sequence	Submission	
3. X Specification [Total Pages (preferred arrangement set forth below)	48	В	a.	Computer Re	eadable Form	(CRF)	
- Descriptive title of the Invention			b.	Specification Sequence	e Listing on:	copies); or	
 Cross Reference to Related Applications Statement Regarding Fed sponsored R & D 				i. CD-RC	M or CD-R (2	copies); or	
 Reference to sequence listing, a table, or a computer program listing appendix 				ji. paper		J	
 Background of the Invention Brief Summary of the Invention 					المماد ومنافدة	h, of about popies	
Brief Description of the Drawings (if filed) Detailed Description			C.			ty of above copies	
- Claim(s)			ACC	COMPANYING			
- Abstract of the Disclosure			9.	Assignment Papers	(cover sheet	t & documents(s))	
4. X Drawing(s) (35 U.S.C. 113) [Total Sheet	's 1	9] 10.	37 CFR 3.73(b) State (when there is an ass		X Power of Attorney	
5. Oath or Declaration [Total Pages	, 1] 11.	English Translation	Document (ii	f applicable)	
a. Newly Executed (original or copy)	<u>-</u>		12. X	Information Disclosur Statement (IDS)/PTC		X Copies of IDS Citations	
b. X Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 complete			13. X	Preliminary Amend	ment		
i. DELETION OF INVENTOR(S	١.		14. X	Return Receipt Posto (Should be specifical)3)	
Signed statement attached deleting inv		Certified Copy of Priority Document(s)					
named in the prior application, see 37 1.63(d)(2) and 1.33(b).	CFR		15.	(if foreign priority is c			
, , , , , , ,			16.	Request and Certification (b)(2)(B)(i). Applicant or its equivalent.			
6. Application Data Sheet. See 37 CFR 1.76			17.	Other:			
18. If a CONTINUING APPLICATION, check appropriate b or in an Application Data Sheet under 37 CFR 1.76:	ox, and	supp	oly the requisit	e information below	and in a pre	liminary amendment,	
Continuation Divisional Continuation	-in-part (C	IP)		of prior application	No:10/1	80,140	
Prior application information: ExaminerDao H. Nguyen For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of to part of the disclosure of the accompanying continuation or divisional app	lication a	applica ınd is h	ition, from which sereby incorporate	Group / Art Unit: _ an oath or declaration is ed by reference. The inc	supplied under	Box 5b, is considered a	
portion has been inadvertently omitted from the submitted application part 19. COR		OND	ENCE ADD	RESS			
		234 o. or Att	94 ach bar code label	here) or 🔀	Corresponden	ce address below	
NAME Texas Instruments Incorporated							
ADDRESS							
CITY STATE				ZI	P CODE	(070) 047 4440	
COUNTRY TELEPHONE	(97	2) 91	7-4167		FAX ((972) 917-4418	
Name (Print/Type) Rose Alyssa Keagy			Re	gistration No. (Attor	mey/Agent)	R g. No. 35, 095	
Signature	n		Leve	B	Date	9/19/03	

SUBTOTAL (3)

Un	nder the Par	perwork R	eduction	Act of 1995, no persor	ns are required to re	espond				lemark Office: U.S. DEPARTMENT Of tion unless it displays a valid QMB control nu	
	FF	FT	RAN	SMITTAL		L				Complete If Known	
FEE TRANSMITTAL			—	Application Number			TBD				
	for FY 2003			_	iling Da			Herewith			
						_	irst Nar			Theodore W. Houston	n
_						_	xamine			Dao H. Nguyen	
Express	s Mailing L	_abel No).: 	EV334469493US			Group / Art Unit			2818	
TOTAL AM	MOUNT O	F PAYM	ENT	(\$)_7	50.00		Attorney	Docke	et No.	TI-32205.1	
		METHO	DD OF	PAYMENT					FEE (CALCULATION (continued)	
1.		mmission		by authorized to charge	e to the following	3.	ADDIT	IONAL	FEES		
Deposit Ad Number	ccount			20-0668		Large Fee	Entity Fee	Small Fee	Entity Fee		
Number						Code	(\$)	Code	(\$)	Fee Description	Fee Paid
Deposit Ad	ccount	To	voo lo	atrumonto Incorr	orated	1051	130	2051	65	Surcharge - late filing fee	
Name		l ie	xas ins	struments Incorp	orated	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
requ	arge any ad- uired or cre- rpayment		е		dicated fees and al fee required or	1053	130	1053	130	Non-English specification	
Ove	праутнети			Credit any ov	еграутнет	1812	2,520	1812	2,520	For filing a request for reexamination	
2.	Paym	ent En	closed	:		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
		heck		Money Of	ther	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
		FEE (CALC	JLATION		1251	110	2251	55	Extension for reply within first month	
4 BA	SIC FIL	INC EE				1252	400	2252	200	Extension of time within second month	
						1253	920	2253	460	Extension of time within third month	
_			Entity	Ess Description	Fee Paid	1254	1,440	2254	720	Extension of time within fourth month	
Fee Code		Fee Code	Fee (\$)	Fee Description	reeralu	1255	1,960	2255	980	Extension of time within fifth month	
1001	750 2	2001	370	Utility filing fee	\$750	1401	320	2401	160	Notice of Appeal	
1002		2002	165	Design filing fee	\$	1402	320	2402	160	Filing a brief in support of an appeal	
1003		2003	255	Plant filing fee	\$	1403	280	2403	140	Request for oral hearing	
1003		2004	370	Reissue filing fee		1451	1,510	1451	1,510	Petition to institute a pubic use proceeding	
1004		2004	80	Provisional filing fee	\$	1452	110	2452	55	Petition to revive - unavoidable	
1005	100 .	2003	00	- Tovisional lilling icc	\$	1453	1,280	2453	640	Petition to revive - unintentional	
				SUBTOTAL (1)	(\$)750	1501	1,280	2501	640	Utility issue fee (or reissue)	
						1502	460	2502	230	Design issue fee	
2. EX	(TRA CL	AIM FE	ES			1503	620	2503	310	Plant issue fee	
						1460	130	1460	130	Petitions to the Commissioner	
			F4 0	Fee from	Fee Paid	1801	740	2801	370	Request for Continued Examination (RCE)	
		-	Extra C			1806	180	1806	180	Submission of Information Disclosure Stmt.	
Total Claims	<u></u>	20**= 3** =		x 18 =		8021	40	8021	40	Recording each patent assignment per properly (time number of properties)	
Independent Claims	<u> </u>	_] ~ ¯	: 0			1809	740	2809	370	Filing a submission after final rejection (37 CFR 1.129(a))	
Multiple Dep	enaent			260 =		1810	740	2801	370	For each additional invention to be	
	• •	_		Reissue, see below						examined (37 CFR 1.129(b))	
Large Fee	Entity	Small Fee	Entity Fee	Fee Desc	rintion	1					
Fee Code	Fee (\$)	ree Code	ree (\$)	ree Desc	прион	1					
1202	18	2202	9	Claims in excess of 20)	Oth	er fee (s	specify)		
1201	84	2201	42	Independent Claims in	excess of 3	1					

SUBMITTED BY		Complete (if app	olicable)
Typed or Printed Name	Rose Alyssa Keagy	Reg. Number	35,095
Signature	Machthan lean 4/19/03	Deposit Account User ID	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

1203

1204

1205

280

84

18

2203

2204

2205

140

42

9

Multiple dependent claims in excess of 3

**Reissue independent claims over

**Reissue claims in excess of 20 and

(\$)0

original patent

SUBTOTAL (2)

over original patent